

INFORMATION DISCLOSURE STATEMENT NO. 1

SECTION A

ATTY. DOCKET
NO. 0590112SERIAL NO.
08/904,594APPLICANT
PETER J. JESSUP ET AL.FILING DATE
August 1, 1997GROUP
1764

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

thm		Chevron Salt Lake City 80/87 Aviation Gasoline (Exhibits 9690 and 9690A in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Zaghini, SAE 730836, "Polynuclear Aromatic Hydrocarbons in Vehicle Exhaust Gas" (1973) (Exhibit 6291 in <u>Union Oil of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Morris, "The Interaction Approach to Gasoline Blending" National Petroleum Refiners Association, AM-75-30, NPRA 73 rd Annual meeting, San Antonio, Texas, March 23-25, 1975 (Exhibit 890 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Nakajima et al., SAE 780612, "The Influence of Fuel Characteristics on the Vaporization in S.I. Engine Cylinder During Cranking at Low Temperature," 1978 (Exhibit 6404 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		File History of U.S. Patent 4,812,146, Jessup, "Liquid Fuels of High Octane Values," issued March 4, 1998 (Exhibit 45 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Howell Unleaded Racing Gasoline (1988) (Exhibit 203 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Union Oil Unleaded Racing Gasoline (ULRG) Charlotte (1988) (Exhibits 287 and 897 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Union Oil ULRG Powell-Duffryn (1989) (Exhibit 202 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Union Oil Aviation Gasoline No. 36 (1978) (Exhibit 8230 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)
		Oberfell et al. "Thermal Alkylation and Neohexane," presented at the Twentieth Annual meeting of the API, Chicago, Illinois, Nov. 9-17, 1939 (Exhibit 5014 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca. Case No. CV-95-2379 KMW (JRx)

Examiner: *thm*

Date Considered


4-28-98

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with Next Communication to applicant.

INFORMATION DISCLOSURE STATEMENT NO. 1

Section A
Sheet 1 of 3

INFORMATION DISCLOSURE STATEMENT NO. 1 SECTION A		ATTY. DOCKET NO. 0590112	SERIAL NO. 08/904,594
		APPLICANT PETER J. JESSUP	
		FILING DATE August 1, 1997	GROUP 1764

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
			1989-1990 ARCO EC-1 an EC-P (Exhibits 27, 28, 29, 30 and 11877 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			"GM Still Wants Costly Light Gasoline" <u>Oil & Gas Journal</u> , Oct. 2, 1972, pp. 44-46 (Exhibit 876 in <u>Union Oil Co. of Calif. vs ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			"GM Bids for Radically New Gasoline." <u>Oil & Gas Journal</u> , January 17, 1972, pp. 953-4 (Exhibit 11,801 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			Adams, "New Technology Complements an Aliphatic Route for Future Gasolines," published by API, Proceedings - Division of Refining - 1973 - Philadelphia, Penn., May 14-17, 1973 (Exhibit 10,283 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			CRC Report No. 454, "Effect of Altitude Changes on Octane Number Requirement of Late Model Cars," Oct. 1973 (Exhibit 1240 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			ARCO Reformulated Gasoline "Reformulated Gasoline for Clean Air, An ARCO Assessment," by K. L. Boekhaus et al., for "Roads to Alternative Transportation Fuels" 2 nd Biennial U.C. Davis Conference on Alternative Fuels, July 12, 1990 (Exhibit 1333 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			CRC Report No. 477, "1973 CRC Fuel Rating Program Part I : Road Octane Performance in 1973 Model Cars," February 1975 (Exhibit 6221 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			CRC Report No. 493, "1976 CRC Octane Number Requirement Survey," July 1977 (Exhibit 6224 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
			CRC Report No. 494, "1975 CRC Fuel Rating Program: Road Octane Performance in 1975 Model Cars," October, 1977 (Exhibit 6225 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)
Examiner: _____ Date Considered _____			
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Section A
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		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
<i>4/28/98</i>		Stebar <u>SAE 720934</u> , "New Emphasis on Fuel Volatility - Effects on Vehicle Warmup with Quick-Release Chokes," 1972 (Exhibit 6284 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
		Date et al., <u>SAE 770811</u> , "Road Octane Number Trends of Japanese Passenger Cars," 1977 (Exhibit 6401 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
<i>1</i>		Marbach et al., <u>SAE 790204</u> , "A Novel Laboratory Method for Evaluating Induction System Deposits in Gasoline Engines," Feb. 26 - March 2, 1979 (Exhibit 6410 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
		ARCO LOD 1 and LOD 2 (Exhibits 7036, 7048, and 7056 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
<i>1</i>		Lieder, "The Impact on Fuels of the 1990 Clean Air Act Amendments," National Petroleum Refiners Association, FL-90-110, presented at the NPRA National Fuels and Lubricants Meeting, Nov. 1-2, 1990, Houston, Texas (Exhibit 7813 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
		Piel and Thomas "Ethers: A Key Ingredient for Reformulated Gasoline," The National Conference on Octane Quality and Reformulated Gasoline, March 29, 1990 (Exhibit 11844 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
<i>1</i>		Ockerbloom, "Reformulation of Gasoline Impact on Basic Petrochemical Aromatics—An Early Appraisal," The National Conference on Octane Quality and Reformulated Gasoline March 29, 1990 (Exhibit 11844 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
		Piel, "Ethers Will Play Key Role in "Clean" Gasoline Blends," <u>Oil & Gas Journal</u> , pp. 40-44 Dec. 4, 1989 (Exhibit 7476 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
<i>1</i>		Colucci, "What Can the Oil Industry Do in the 1990s - An Auto Man's Perspective," GMR-7010, F&L-893, Presented to API Forum April 25, 1990 Dearborn, Michigan (Exhibit 7073 in <u>Union Oil Co. of Calif. vs. ARCO et al.</u> , C.D. Ca, Case No. CV-95-2379 KMW (JRx)	
Examiner: <i>[Signature]</i>		Date Considered: <i>4-28-98</i>	
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INFORMATION DISCLOSURE STATEMENT NO. 1

SECTION D

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NO. 0590112SERIAL NO.
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PETER J. JESSUP ET AL..FILING DATE
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GROUP

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

TH

Laboratory Notebook Pages AQ 6513; AQ 6514; AQ 6517; AQ 6518; AQ 6519; AQ 6520; AQ 6528; AQ 6529; AQ 6532; AQ 6533; AQ 6534; AQ 6535; and AQ 6536

Examiner:

Date Considered

4-28-98

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INFORMATION DISCLOSURE STATEMENT NO. 1														ATTY. DOCKET NO. 0590112		SERIAL NO. 08/904,594	
SECTION C														APPLICANT PETER J. JESSUP ET AL.			
														FILING DATE August 1, 1997		GROUP	
U. S. PATENT DOCUMENTS																	
*Exam Initial		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	Filing Date				
Hm				H	1	3	0	5	05/03/94	Townsend et al.	44	449					
		R	E	2	0	5	9	6	12/21/37	Taylor et al.							
		1	4	0	9	4	0	4	03/14/22	Ramage							
		2	0	3	2	3	3	0	02/25/36	Roberts et al.	196	11					
		2	1	4	2	9	3	7	01/03/39	Deanesly et al.							
		2	1	9	0	4	8	0	02/13/40	Nichols, Jr., et al.							
		2	2	0	4	2	1	5	06/11/40	Greensfelder et al.							
		2	2	0	9	9	0	4	07/23/40	McCulloch et al.							
		2	4	0	1	9	8	3	06/11/46	Stanly et al.							
		2	4	0	7	7	1	6	09/17/46	Marschner							
		2	4	0	7	7	1	7	09/17/46	Marschner							
		2	4	0	9	1	5	7	10/08/46	Schulze et al.							
		2	4	1	1	5	8	2	11/26/46	McCulloch							
		2	4	9	5	6	4	8	01/24/50	Voge et al.							
		2	5	9	3	5	6	1	04/22/52	Herbst et al.	44	69					
		2	8	5	7	2	5	4	10/21/58	Thomas	44	63					
		2	9	3	9	8	3	6	06/07/60	Koome et al.							
		2	9	4	4	0	0	3	07/05/60	Ritedisnlj et al.							
		2	9	6	8	6	0	9	07/17/61	Lutz	208	100					
		3	0	0	2	9	1	7	10/03/61	Hamilton	208	79					
		3	0	0	9	7	8	9	11/21/61	Jordan et al.							
		3	0	0	9	7	9	1	11/21/61	Emrick							
FOREIGN PATENT DOCUMENTS																	
		DOCUMENT NUMBER							PUBLICA- TION DATE	COUNTRY	CLASS	SUB CLASS	TRANS.				
				2	1	3	1	3	6	5/23/52	Australia (Spijker)	208	17	YES	NO		
		4	6	6	5	1	1	A	01/15/92	European Pat. App.							
Examiner: <u>Hm</u> Date Considered <u>1-28-95</u> *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and <u>not</u> considered. Include copy of this form with next communication to applicant.																	

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SECTION C

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INFORMATION DISCLOSURE STATEMENT NO. 1

SECTION C

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U. S. PATENT DOCUMENTS

*Exam Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	Filing Date
<i>HW</i>	3 0 3 4 8 7 8	05/15/62	McCall et al.			
	3 1 5 6 6 4 0	11/10/64	Hart			
	3 3 8 5 6 8 0	05/28/68	Feld et al.			
	3 3 9 1 0 7 7	07/02/68	Osborne	208	256	
	3 6 5 8 6 9 0	04/25/72	Graven			
	3 6 8 5 5 0 2	08/22/72	Oberdorfer, Jr.	123	119R	
	3 7 5 3 6 7 0	8/21/73	Strang et al.	44	432	
	3 7 5 8 4 0 1	09/11/73	Bridgeford et al.	208	78	
	3 7 6 5 8 4 8	10/16/73	Brent	44	51	
	3 7 8 5 7 9 0	01/15/74	Strang	44	66	
	3 7 9 5 4 9 5	03/05/74	Howland et al.			
	3 8 3 6 3 4 2	09/17/75	Shang et al.			
	3 8 7 3 2 7 6	03/25/75	Haemmerle et al.	44	63	
	3 8 8 6 7 5 9	06/03/75	McNamee			
	3 8 9 4 8 4 9	07/15/75	Polss			
	3 9 0 2 8 7 0	09/02/75	Rollmann et al.	44	6	
	3 9 0 3 1 9 4	09/02/75	Hutson, Jr., et al.			
	3 9 0 4 5 0 8	09/09/75	Whyte, Jr. et al.			
	3 9 2 0 6 9 8	11/18/75	Haemmerle et al.	44	63	
	3 9 5 5 9 3 8	5/11/76	Graham et al.	44	305	
	3 9 5 7 9 0 1	05/18/76	Chapman			
	3 9 8 0 4 4 8	09/14/76	Haemmerle et al.	44	63	
	3 9 8 8 1 2 2	10/26/76	Rosenthal et al.	44	452	
	4 0 1 7 2 6 8	04/12/77	Gilley	44	52	
	4 0 2 2 5 8 9	05/10/77	Alquist et al.			
	4 0 4 5 0 9 2	08/30/77	Keller	302	66	
	4 1 1 2 8 8 9	09/12/78	Harpman	123	25 B	
<i>W</i>	4 1 1 8 4 2 5	10/02/78	Herbetman			

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U. S. PATENT DOCUMENTS

*Exam Initial	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	Filing Date
AM	4	1	8	0	0	3	6		12/25/79	Wolf	123	122 E	
	4	1	9	4	8	8	6		03/25/80	Ripple	44	70	
	4	2	0	5	9	6	0		06/03/80	Bryant	44	68	
	4	2	1	1	6	3	9		07/08/80	Jackson	208	188	
	4	2	1	4	8	7	6		7/29/80	Garth et al.	44	404	
	4	2	1	5	9	9	7		8/5/80	Sandy	44	367	
	4	2	2	0	1	2	0		09/02/80	Jackson, deceased, et al.			
	4	2	3	1	7	5	6		11/04/80	King	44	53	
	4	2	4	4	7	0	3		01/81	Kaspaul	44	56	
	4	2	9	4	5	8	7		10/31/81	Burns			
	4	2	9	5	8	6	1		10/20/81	Burns			
	4	6	8	4	3	7	3		08/04/87	Vataru et al.	44	63	
	4	6	9	9	6	2	9		10/13/87	Croudace et al.	44	429	
	4	7	2	0	2	8	8		01/19/88	Croudace et al.			
	4	7	3	7	1	5	9		4/12/88	Phillips	44	419	
	4	2	9	5	8	6	2		10/20/81	Burns			
	4	2	9	7	1	7	2		10/27/81	Kyle	203	19	
	4	3	1	2	6	3	6		1/26/82	Singerman	44	447	
	4	3	1	3	7	3	8		02/02/82	Parlman et al.			
	4	3	1	9	9	8	1		3/16/82	Singerman	44	447	
	4	3	2	1	0	6	1		3/23/82	Parlman			
	4	3	2	1	0	6	3		3/23/82	Burns			
	4	3	2	2	3	0	4		03/30/82	Parlman et al.			
	4	3	2	4	5	6	9		04/13/82	Klimczak			
	4	3	3	6	0	3	2		06/22/82	Kupka et al.	44	56	

Examiner:

H. M. Gels

Date Considered

4-28-98

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Section C

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<i>AM</i>	4	3	3	9	2	4	5	7/13/82	Burns				
	4	3	4	1	5	2	9	7/27/82	Burns				
	4	3	4	7	0	6	2	08/31/82	Born et al.	44	68		
	4	3	7	2	7	5	2	02/08/83	Lamy				
	4	3	7	8	2	3	0	03/29/83	Rhee	44	51		
	4	3	7	8	2	3	1	3/29/83	Burns				
	4	3	8	7	2	5	7	6/7/83	Burns	585	14		
	4	3	8	8	0	8	1	6/14/83	Burns	44	443		
	4	4	1	7	9	0	4	11/29/83	Burns et al.				
	4	4	2	0	9	3	0	12/20/83	Beuther et al.	60	39		
	4	4	2	9	1	7	3	01/31/84	Hutson et al.				
	4	4	3	7	4	3	6	03/20/84	Graiffe				
	4	4	4	4	5	6	7	4/24/84	Burns et al.				
	4	4	5	5	9	0	9	5/1/84	Burns				
	4	4	6	8	2	3	3	08/28/84	Bruderreck et al.				
	4	4	7	4	5	8	0	10/02/84	MacKenzie et al.	44	68		
	4	5	0	1	5	9	6	2/26/85	Burns	44	341		
	4	5	0	8	6	1	7	04/02/85	Montgomery				
	4	5	2	5	1	7	4	06/25/85	Croudace				
	4	5	7	1	4	3	9	02/18/86	Keyworth				
	4	5	7	9	9	9	0	04/01/86	Keyworth				
	4	6	0	0	4	0	8	07/15/86	Jessup et al.				
	4	6	0	2	9	1	9	07/29/86	Jessup et al.				
	4	6	0	7	1	2	9	08/19/86	Lee				
	4	6	4	7	2	9	2	03/03/87	Jessup et al.				
	4	6	4	7	3	6	8	03/03/87	McGuinness et al.				
	4	7	4	3	2	7	3	5/10/88	Croudace et al.	44	418		
	4	7	7	3	9	1	6	9/27/88	Croudace et al.	44	440		

Examiner: *AM* Date Considered

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U. S. PATENT DOCUMENTS

*Exam Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	Filing Date
<i>fr</i>	4 7 8 1 7 2 8	11/01/88	Jessup et al.			
	4 7 9 7 1 3 4	01/10/89	Vataru	44	66	
	4 8 0 4 3 8 9	02/14/89	Johnston et al.	44	70	
	4 8 1 2 1 4 6	3/14/89	Jessup	585	14	
	4 8 1 8 2 5 0	04/04/89	Whitworth			
	4 8 2 4 5 5 2	4/25/89	Nagasawa	208	17	
	4 8 4 4 7 1 7	7/4/89	Croudace et al.	44	418	
	4 8 5 1 6 0 1	07/25/89	Fukuda et al.			
	4 8 5 2 9 9 2	08/01/89	Nasu	44	50	
	4 8 7 3 3 8 9	10/10/89	Avidan et al.			
	4 8 8 4 5 3 1	12/05/89	Degnan, Jr., et al.			
	4 8 9 5 6 4 0	01/23/90	Jackson	208	188	
	4 8 9 6 6 3 6	01/30/90	Pfefferle			
	4 8 9 9 0 1 4	02/06/90	Avidan et al.			
	4 9 5 3 3 3 2	09/11/90	Talbert			
	5 0 0 4 8 5 0	04/02/91	Wilson	585	1	12/08/89
	5 0 3 2 1 4 4	07/16/91	Jessup et al.	44	384	08/04/88
<i>✓</i>	5 0 4 1 2 0 8	08/20/91	Patridge et al.			
	5 1 1 3 8 0 3	05/19/92	Hollrah et al.			05/01/91

Examiner:

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)				
✓			"Automotive Fuels for the 1990's - Challenges and Opportunities" by Joseph M. Colucci, Research Publication, General Motors Research Laboratories, GMR-6589, F&L-882 to be presented at DeWitt and Company - Petrochemical Review Seminar, Houston, TX, March 30, 1989.	
✓			"Vehicle Evaporative and Exhaust Emissions as Influenced by Benzene Content of Gasoline" by Donald E. Seizinger, William F. Marshall, Frank W. Cox, and Martin W. Boyd, National Institute for Petroleum and Energy Research, NIPER-151, DE86 010603, April 16, 1986	
✓			"The Effect of Aromatics Content on Nox Emissions" by Annette Reid Guerrero and James M. Lyons, Toxics and Fuels Section, Mobile Source Division, California Air Resources Board, March, 1990.	
✓			"The Effect of Gasoline Aromatics on Emissions of Nitrogen Oxides in Vehicle Exhaust", by J. A. Gething, Chevron Research and Technology Company, Richmond, CA April 19, 1990.	
✓			"Reformulated Gas No Help in Older Cars" by Matthew L. Wald, The New York Times, appearing in Orange County Register, Dec. 19, 1990.	
✓			"Clean Gasoline" ARCO EC-1 Gasoline	
✓			"Nationwide Gasoline Compositions" (MVMA and SwRI Surveys, 1988)	
✓			"Reformulated Gasoline" Industry Scoreboard	
✓			"Regular Compositions" Average Results for 9 RVP Season	
✓			"Premium Compositions" Average Results for 9 RVP Season	
✓			"The Talbert Information Package" by Talbert Fuel Systems, Inc., dated December 3, 1990.	
Examiner: <i>Amyen</i>			Date Considered: <i>4-28-98</i>	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

INFORMATION DISCLOSURE STATEMENT NO. 1
Section C

Sheet 6 of 25

INFORMATION DISCLOSURE STATEMENT NO. 1			ATTY. DOCKET NO. 0590112	SERIAL NO. 08/904,594
SECTION C				
			APPLICANT PETER J. JESSUP ET AL.	
			FILING DATE August 1, 1997	GROUP
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)				
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			"The Effect of Fuel Volatility Variations on Evaporative and Exhaust Emissions," API Publication 4310, May, 1979, Prepared for the American Petroleum Institute by Exxon Research and Engineering Company.	
			NIPER--143-PPS-86/1, "Motor Gasolines, Summer 1985," by C. L. Dickson et al., Work performed by the American Petroleum Institute and the U. S. Department of Energy, National Institute for Petroleum and Energy Research, Bartlesville, Oklahoma, June 1986.	
			"Petroleum Refinery Engineering," by W. L. Nelson, Fourth Edition, McGraw Hill Book Company, Inc., 1958, pages 34 and 138.	
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			BERC/RI-76/15, "Experimental Results Using Methanol and Methanol/Gasoline Blends as Automotive Engine Fuel," by J. R. Allsup, Published by Bartlesville Energy Research Center, Energy Research and Development Administration, Bartlesville, Oklahoma January 1977, pages 1-7.	
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Examiner:		<i>[Signature]</i>	Date Considered <i>4-28-98</i>	
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Section C

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SECTION C			APPLICANT PETER J. JESSUP ET AL.	
			FILING DATE August 1, 1997	GROUP 1764
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)				
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Examiner:		Date Considered		
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			APPLICANT PETER J. JESSUP ET AL.	
			FILING DATE August 1, 1997	GROUP 1264
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)				
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Examiner:		Date Considered		
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		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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			CRC Report No. 519, "1980 CRC Octane Number Requirement Survey," January 1981, pages 1-6, C3-C5, D5, and D6.
ExamTner:	AM	Date Considered	4-28-98
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		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP 1764
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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			CRC Report No. 548, "1985 CRC Octane Number Requirement Survey," October 1986, pages i, 1-6, C1, C3, D5, & D8.
			CRC Report No. 553, "1986 CRC Octane Number Requirement Survey," August 1987, pages i, 1-4, 6, C1, C3, D5, & D8.
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Examiner: <i>[Signature]</i>		Date Considered: <i>4-28-98</i>	
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Section C

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INFORMATION DISCLOSURE STATEMENT NO. 1 SECTION C		ATTY. DOCKET NO. 0590112	SERIAL NO. 08/904,594
		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP 1764
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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			Letter from Alan Zengel to the Members of the CRC Volatility Group, dated December 20, 1988, with attachment letter from Joseph Colucci to Alan Zengel dated December 12, 1988.
			One page memo from E. H. Schanerberger of Ford Motor to Beth Evans of CRC, dated Jan. 11, 1989.
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Examiner: <i>[Signature]</i>		Date Considered <i>4-28-98</i>	
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Section C

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INFORMATION DISCLOSURE STATEMENT NO. 1 SECTION C		ATTY. DOCKET NO. 0590112	SERIAL NO. 08/904,594
		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP 1764
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP 1764

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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I			SAE 710295, "Effect of Fuel and Lubricant Additives on Exhaust Emissions," Mixon et al., Inter-Industry Emission Control, SP-361, January 11-15, 1971, coversheet, pp. 1207-1220.
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Examiner: <u>H. M. J. J.</u> Date Considered: <u>4/28/98</u>			
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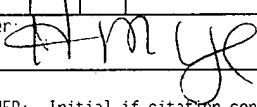
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		FILING DATE August 1, 1997	GROUP 1764

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
<div style="font-size: 2em;">J</div>	<div style="font-size: 2em;">1</div>		SAE Paper No. 750451, "Establishment of ORI Characteristics as a Function of Selected Fuels and Engine Families," by H. T. Niles et al., 1975.
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			SAE Paper No. 780611, "Fuel Volatility Effects on Driveability of Vehicles Equipped with Current and Advanced Fuel Management Systems," by C. R. Morgan et al., 1978.
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			SAE Paper No. 780653, "The Hot-Fuel Handling Performance of European and Japanese Cars," by B. D. Caddock et al., 1978.
			SAE Paper No. 780949, "The Effects of Refinery Gasoline Components on Road Octane Quality," by R. E. Burtner et al., International Fuels & Lubricants Meeting, Royal York, Toronto, Nov. 13-16, 1978.
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			Pendleton, P. O., "Automotive Gasoline Usage in Reciprocating Aircraft Engines," SAE Technical Paper Series, 871012, General Aviation Aircraft Meeting and Exposition, Wichita, Kansas, April 28-30, 1987.
Examiner: <div style="font-size: 1.5em;">J M H</div>		Date Considered: 11-7-89	
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Section C

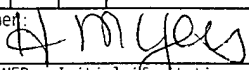
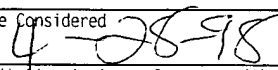
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		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP 1764

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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✓			SAE Paper No. 892090, "Changes in Reid Vapor Pressure of Gasoline in Vehicle Tanks as the Gasoline is Used," by A. D. Brownlow et al., 1989.
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Examiner:  Date Considered: 4-28-97			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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INFORMATION DISCLOSURE STATEMENT NO. 1 SECTION C		ATTY. DOCKET NO. 0590112	SERIAL NO. 08/904,594
		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP 1764
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		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP 766
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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Examiner	Date Considered		4-28-98
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		APPLICANT PETER J. JESSUP ET AL.	
		FILING DATE August 1, 1997	GROUP <u>1764</u>
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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Examiner: <u>AMJ</u>		Date Considered <u>4-28-98</u>	
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			APPLICANT PETER J. JESSUP ET AL.	
			FILING DATE August 1, 1997	GROUP 1764
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)				
JH			Publication No. 03-229796, FUEL OIL COMPOSITION, Laid Open Oct. 11, 1991, Japanese Application No. 02-24005 filed 02/02/90.	
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Examiner: <i>AMC/ew</i>			Date Considered: <i>4-28-91</i>	
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		FILING DATE August 1, 1997	GROUP <u>1706</u>
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#	W	Publication No. 61-16984, MANUFACTURE OF GASOLINE MAINLY FROM HYDROCARBON OF BOILING POINT LOWER THAN 220°C. SUCH AS PETROLEUM NAPHTHA OR NAPHTHA-CRACKED GASOLINE. Laid Open Jan. 24, 1986. Japanese Application No. 59-138668 filed 07/04/84.	
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		Information Disclosure Statement No. 7 of application SN 08/409,074, filed March 22, 1995.	
		Information Disclosure Statement No. 8 of application SN 08/409,074, filed March 22, 1995.	
		Information Disclosure Statement No. 10 of application SN 08/409,074, filed March 22, 1995.	
Examiner: <u>DMH</u>		Date Considered <u>4-28-98</u>	
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		FILING DATE August 1, 1997	GROUP 1764

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		FILING DATE August 1, 1997	GROUP 1764
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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Examiner: <i>[Signature]</i>		Date Considered: <i>4/28/98</i>	
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		FILING DATE August 1, 1997	GROUP 1769
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
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		FILING DATE August 1, 1997	GROUP 1764

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)		
H	1	Civil Docket for Case # 95-CV-2379, U.S. District Court, Central District of California
J	2	NIPER (National Institute for Petroleum and Energy Research) computer data regarding properties of Summer gasolines from 1976-86 & 88-90 (688 pages).
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